Column definitions for mdf\_JR dataframe

15viii19

|  |  |
| --- | --- |
| IndivGroup | Corresponds to “grupos” in Irene’s thesis |
| soundfile | Soundfile name |
| S1\_dur | Duration of the first syllable (ms) |
| Tcall\_dur | Duration of the total call (ms) |
| RecSite | Identifier for geographic point at which the recording was made |
| Lat | Latitude (decimal degrees) |
| Long | Longitude (decimal degrees) |
| LocCode | Corresponds to “localidades” in Irene’s thesis; defined as a cluster of RecSites that are <50km from one another. |
| Region | Corresponds to “regiones” in Irene’s thesis; either island or mainland |

Notes:

The dataframe is structured to permit the analytical approach outlined in the third chapter of Irene’s thesis (see section 3.2.3, and figure 3.4).

Only individuals/groups with at least 5 loud contact calls were included.

Some LocCodes (VEN3, VEN7, VEN8 and VEN9) are represented by a single IndivGroup, so sample size may be an issue. See tables below for sample sizes. If necessary, the analysis could be restricted to LocCodes that include some minimum number of individuals/groups.

Sample sizes by LocCode:

|  |  |  |  |
| --- | --- | --- | --- |
|  | no. calls | no. ind/gr | RecSites included |
| AUA | 63 | 3 | AUA |
| BON | 242 | 14 | BON |
| CUR | 222 | 11 | CUR |
| MAR | 132 | 12 | MAR |
| TOR | 29 | 4 | TOR |
| VEN1 | 135 | 10 | V13+V14 |
| VEN2 | 30 | 4 | V7+V8 |
| VEN3 | 12 | 1 | V1 |
| VEN4 | 35 | 2 | V2 |
| VEN5 | 356 | 24 | V5+V6+V9 |
| VEN6 | 102 | 10 | V15-V19 |
| VEN7 | 5 | 1 | V4 |
| VEN8 | 10 | 1 | V11 |
| VEN9 | 5 | 1 | V12 |

Sample sizes by RecSite:

|  |  |  |  |
| --- | --- | --- | --- |
|  | RecSite | no. calls | no. ind/gr |
| Venezuela | V1 | 12 | 1 |
| Venezuela | V2 | 35 | 2 |
| Venezuela | V3 | 1 |  |
| Venezuela | V4 | 5 | 1 |
| Venezuela | V5 | 65 | 3 |
| Venezuela | V6 | 39 | 3 |
| Venezuela | V7 | 14 | 1 |
| Venezuela | V8 | 16 | 3 |
| Venezuela | V9 | 252 | 18 |
| Venezuela | V11 | 10 | 1 |
| Venezuela | V12 | 5 | 1 |
| Venezuela | V13 | 80 | 5 |
| Venezuela | V14 | 55 | 5 |
|  | V15 | 25 | 2 |
|  | V16 | 9 | 1 |
|  | V17 | 5 | 1 |
|  | V18 | 11 | 2 |
|  | V19 | 26 | 2 |
| TOR | T1 | 29 | 4 |
| AUA | A6 | 35 | 2 |
|  | A7 | 28 | 1 |
| BON | B1 | 23 | 2 |
|  | B3 | 11 | 1 |
|  | B4 | 47 | 2 |
|  | B5 | 93 | 4 |
|  | B13 | 19 | 1 |
|  | B27 | 49 | 4 |
| CUR | C2 | 19 | 1 |
|  | C5 | 10 | 1 |
|  | C6 | 28 | 1 |
|  | C12 | 11 | 1 |
|  | C14 | 116 | 3 |
|  | C15 | 10 | 1 |
|  | C16 | 27 | 3 |
| MAR | M6 | 9 | 1 |
|  | M8 | 19 | 3 |
|  | M9 | 95 | 7 |
|  | M10 | 9 | 1 |